

Fig.1

	TTI 1	TTI 2	TTI 3	TTI 4	TTI 5	TTI 6	TTI 7	TTI 8	TTI 9
Node B 1 Channel Code 1	UE50 Packet 1	UE1 Packet 1	UE3 Packet 1	UE23 Packet 1	UE4 Packet 2	UE6 Packet 1	UE1 Packet 1	UE23 Packet 1	UE7 Packet 1
Node B 1 Channel Code 2	UE50 Packet 2	UE50 Packet 3	UE4 Packet 1	UE1 Packet 2	UE7 Packet 1	UE50 Packet 2	UE4 Packet 1	UE1 Packet 2	UE17 Packet 1
Node B 1 Channel Code 3	UE11 Packet 1	UE50 Packet 4	UE1 Packet 1	UE4 Packet 2	UE23 Packet 2	UE2 Packet 8	UE11 Packet 4	UE15 Packet 1	UE23 Packet 2
Node B 1 Channel Code 4	UE11 Packet 2	UE50 Packet 5	UE50 Packet 10	UE11 Packet 8	UE16 Packet 2	UE9 Packet 2	UE40 Packet 2	UE34 Packet 1	UE9 Packet 3
Node B 1 Channel Code 5	UE11 Packet 3	UE2 Packet 5	UE16 Packet 1	UE9 Packet 1	UE11 Packet 3	UE24 Packet 2	UE43 Packet 2	UE16 Packet 1	UE11 Packet 10
Node B 1 Channel Code 6	UE11 Packet 4	UE11 Packet 5	UE2 Packet 6	UE1 Packet 3	UE4 Packet 1	UE11 Packet 9	UE40 Packet 3	UE11 Packet 5	UE4 Packet 1
Node B 1 Channel Code 7	UE2 Packet 1	UE50 Packet 6	UE50 Packet 11	UE3 Packet 2	UE24 Packet 1	UE2 Packet 8	UE38 Packet 1	UE38 Packet 5	UE50 Packet 14
Node B 1 Channel Code 8	UE2 Packet 2	UE50 Packet 7	UE50 Packet 12	UE11 Packet 9	UE43 Packet 1	UE4 Packet 3	UE38 Packet 2	UE3 Packet 2	UE14 Packet 1
Node B 1 Channel Code 9	UE2 Packet 3	UE50 Packet 8	UE11 Packet 6	UE40 Packet 1	UE50 Packet 13	UE3 Packet 1	UE38 Packet 3	UE40 Packet 1	UE43 Packet 2
Node B 1 Channel Code 10	UE2 Packet 4	UE50 Packet 9	UE11 Packet 7	UE50 Packet 13	UE2 Packet 7	UE43 Packet 2	UE38 Packet 4	UE50 Packet 14	UE2 Packet 9

Fig.2

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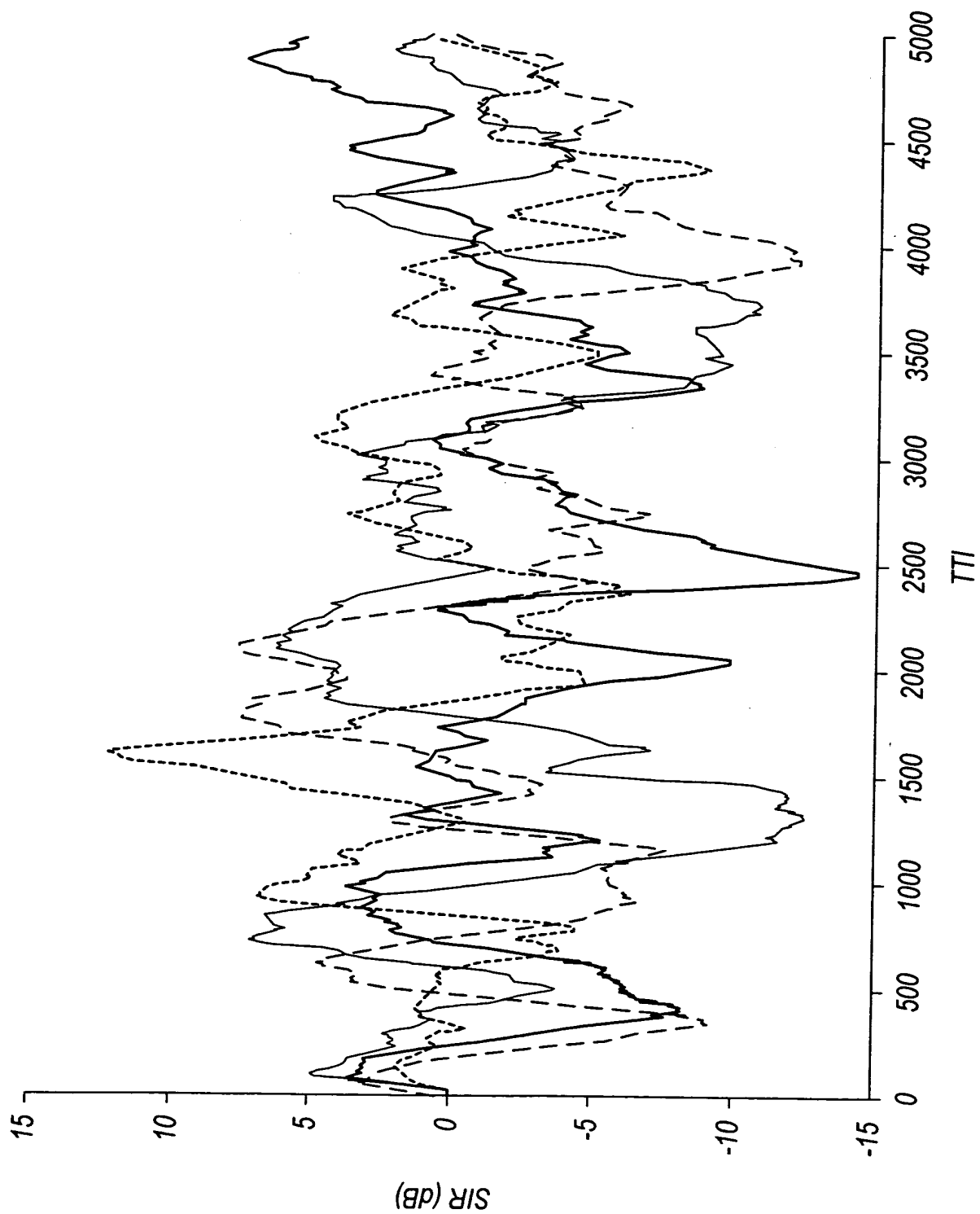


Fig.3

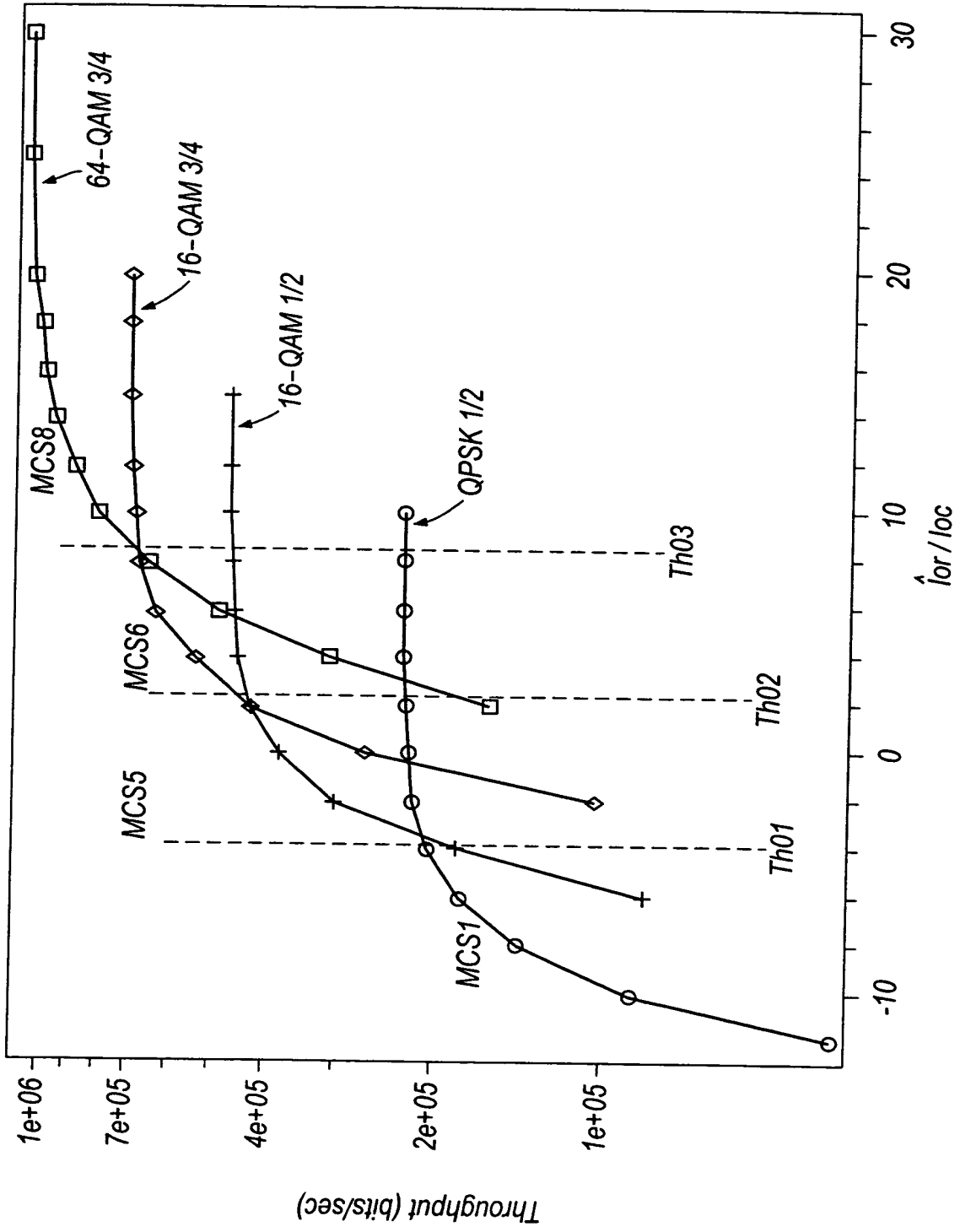


Fig.4

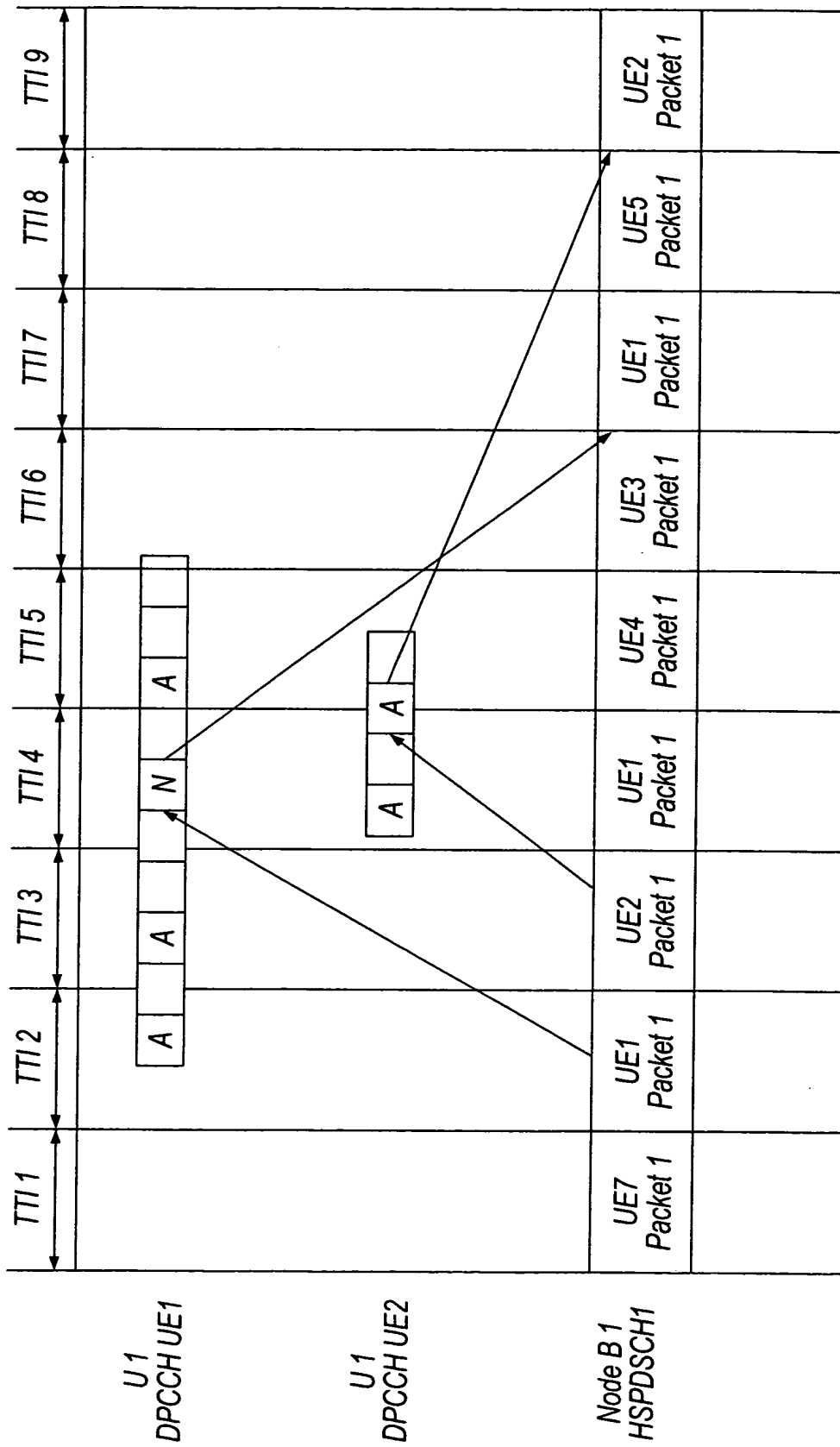


Fig.5

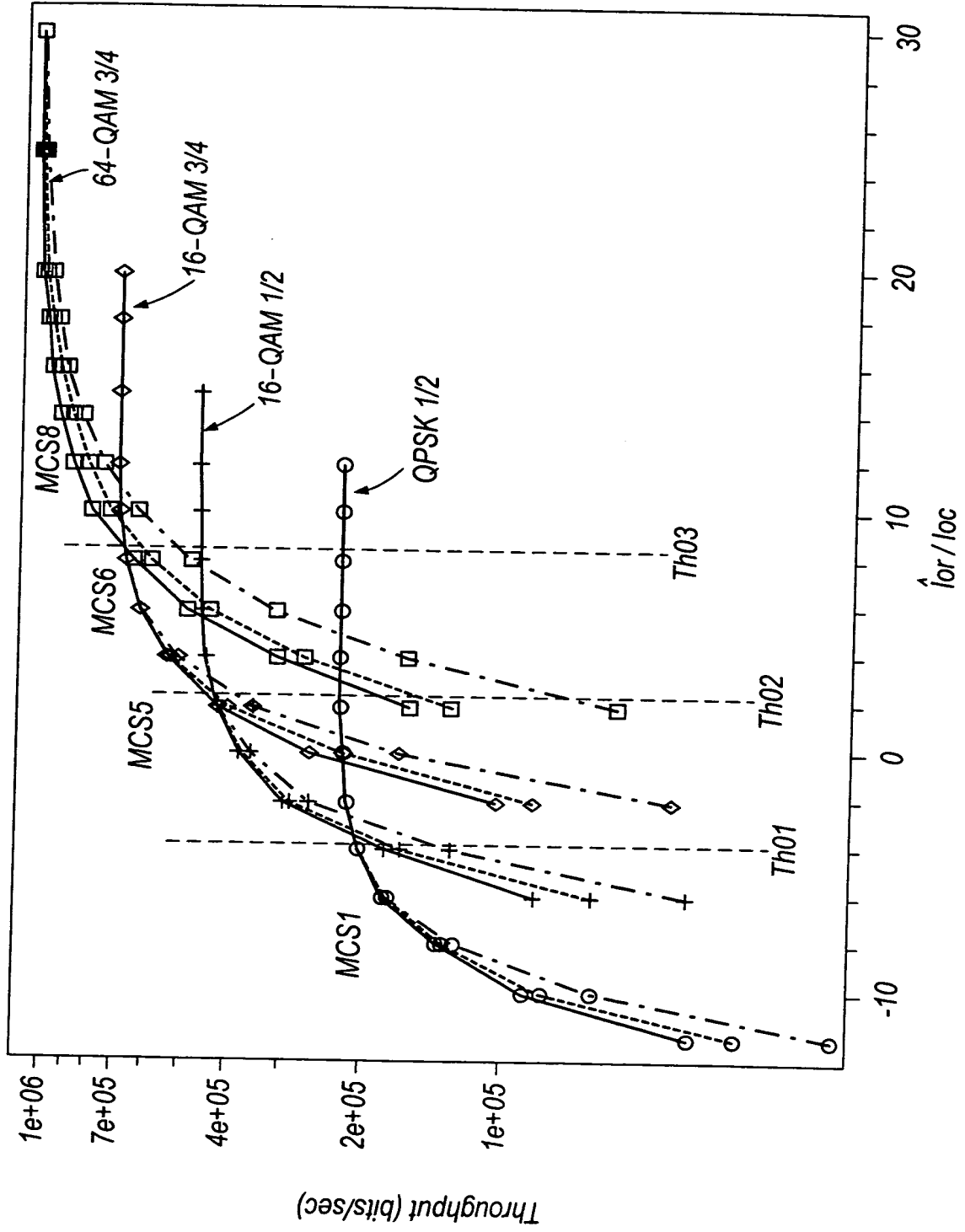


Fig.6

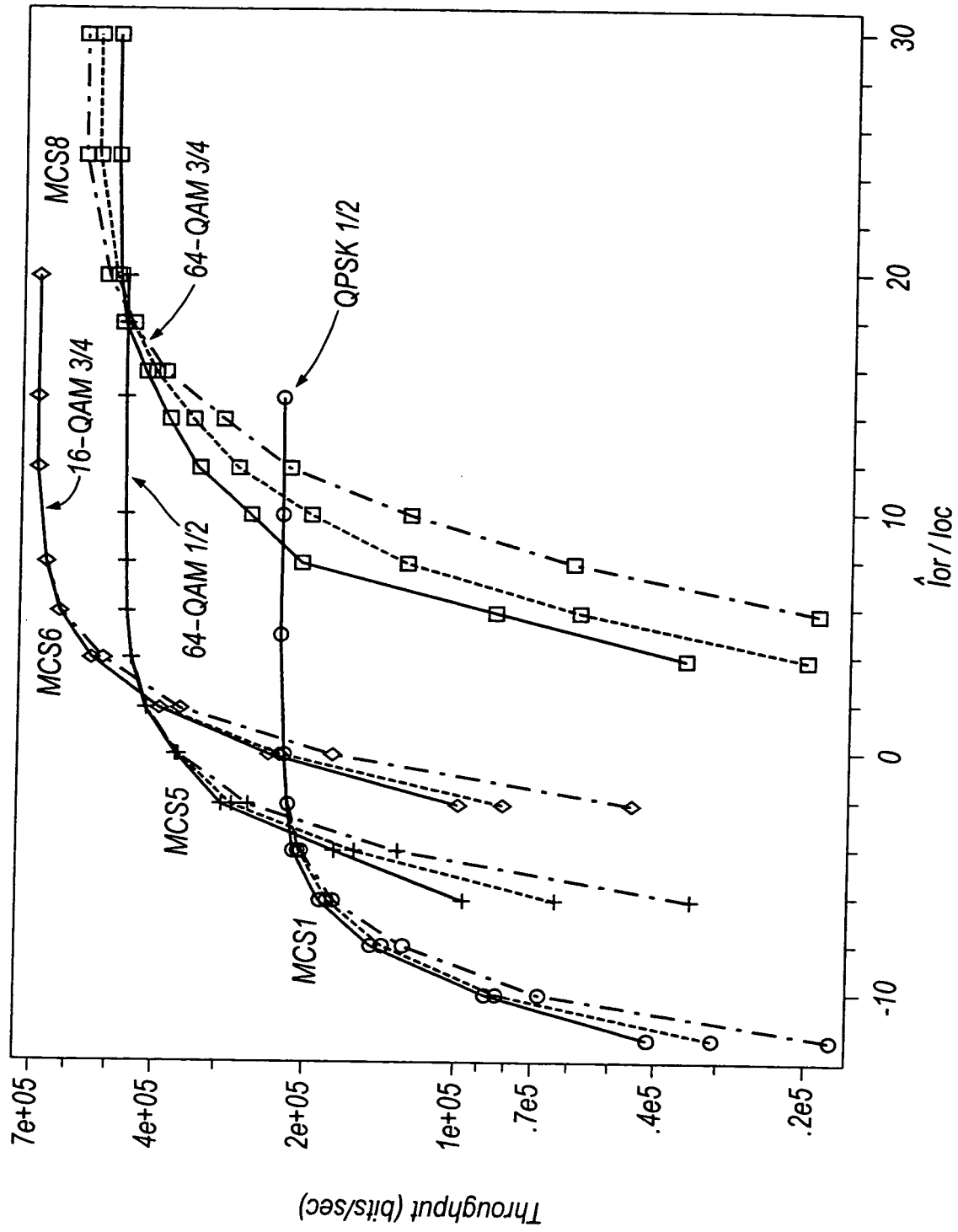


Fig.7

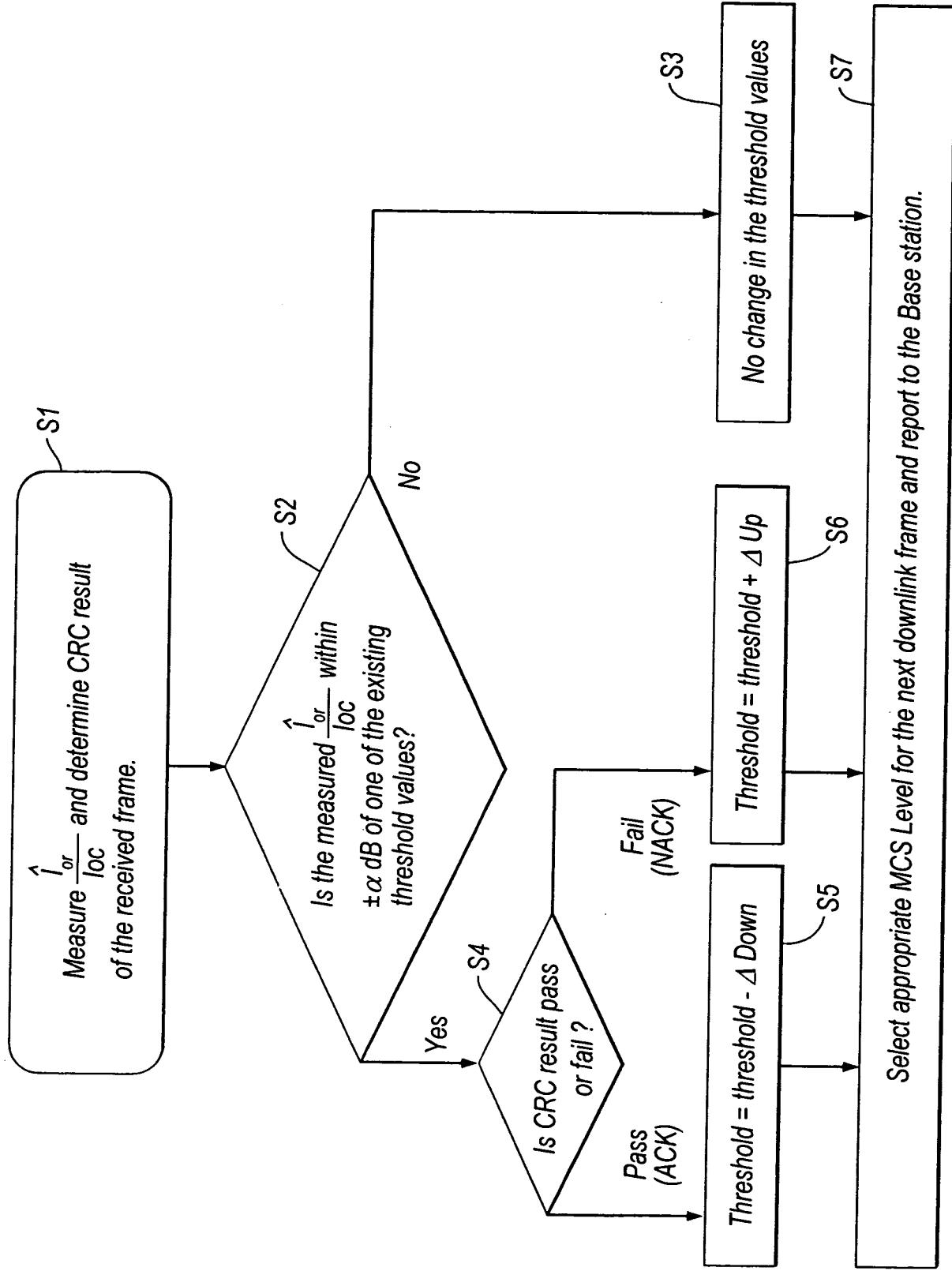
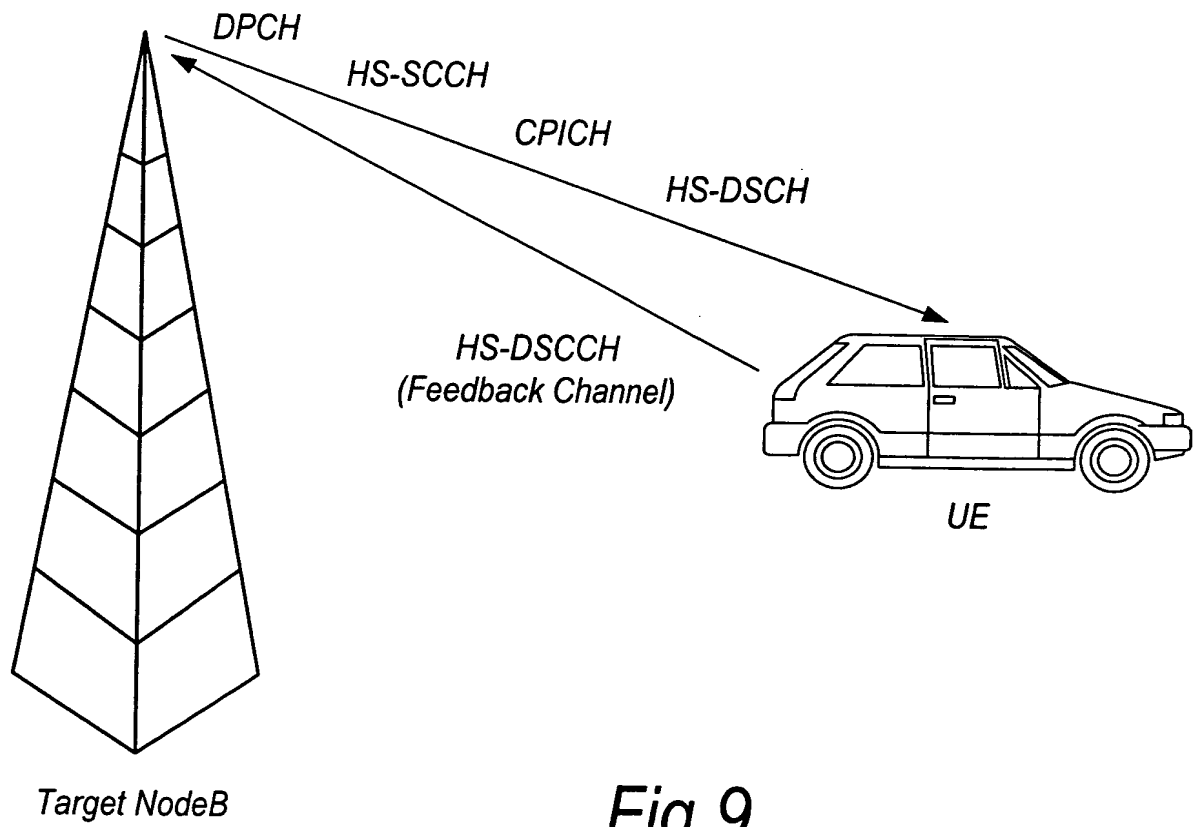


Fig.8

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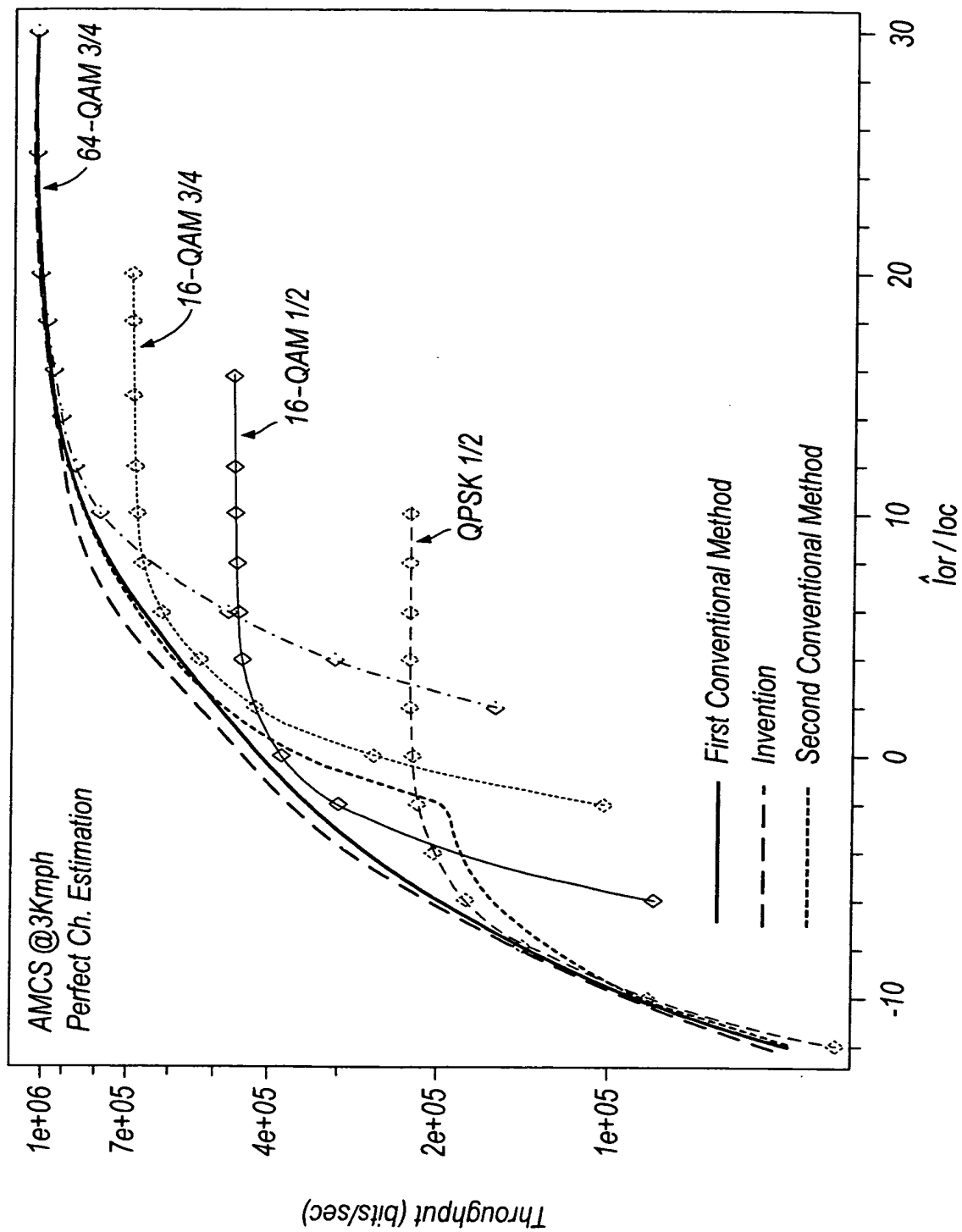


Fig.10

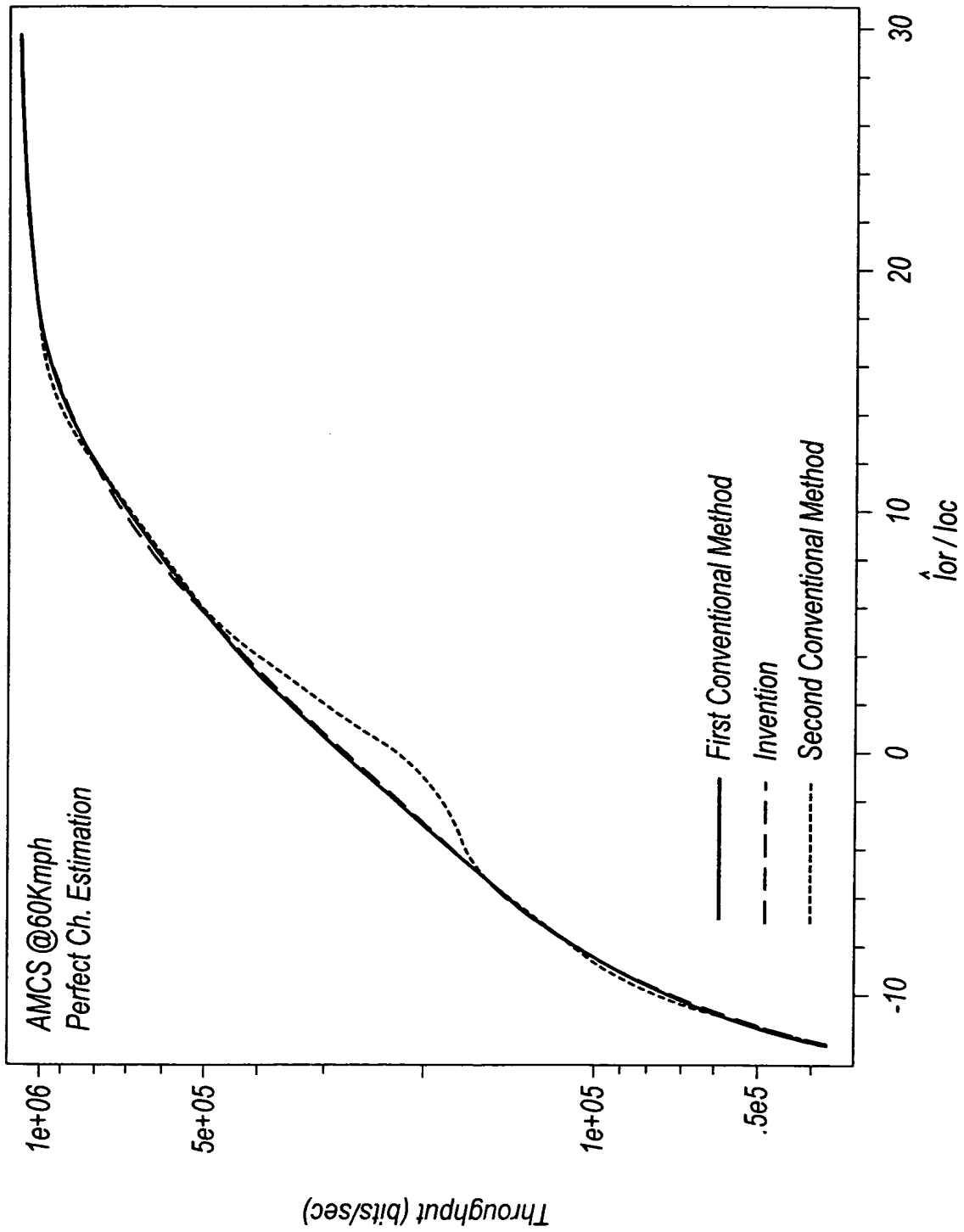


Fig.11

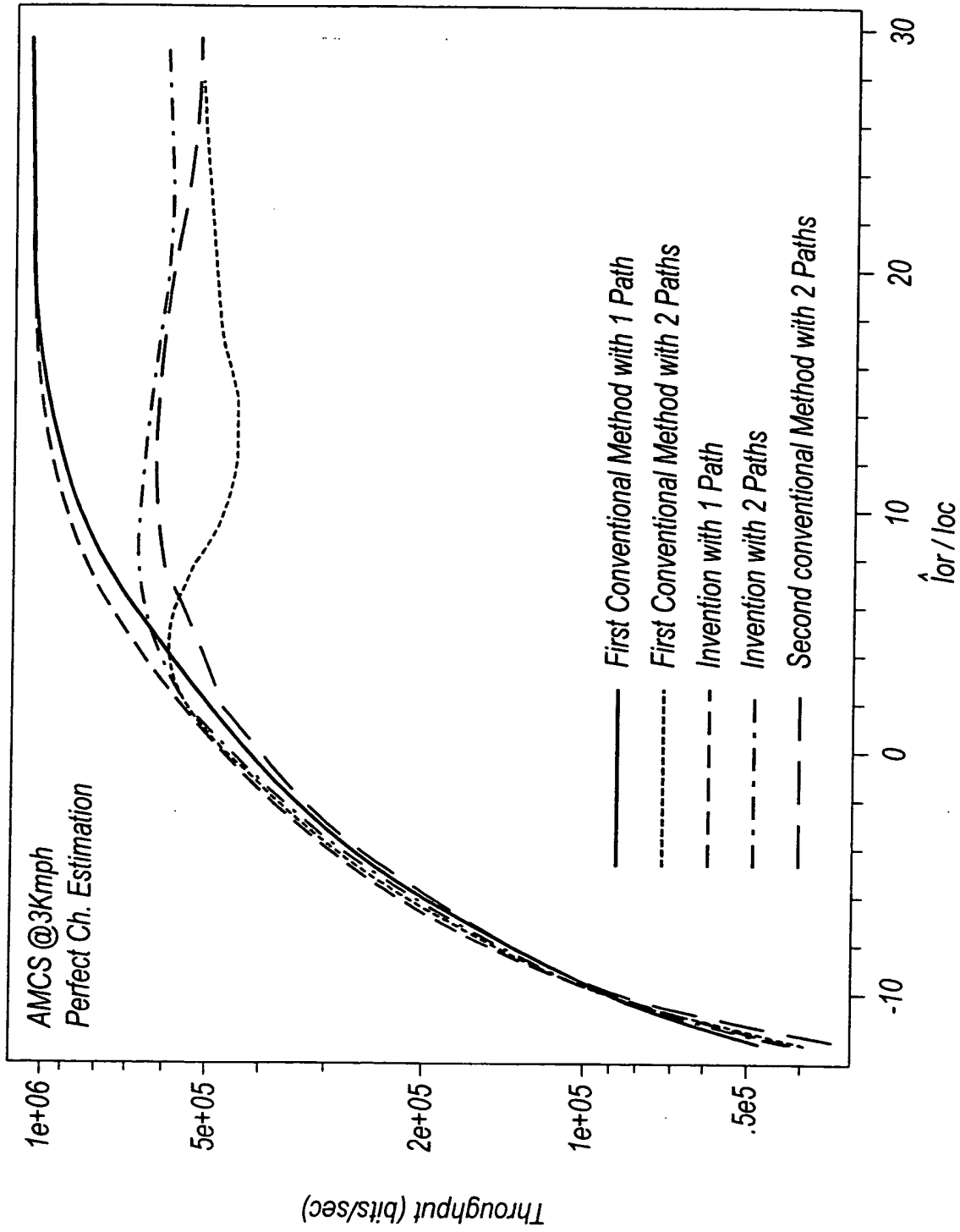


Fig.12

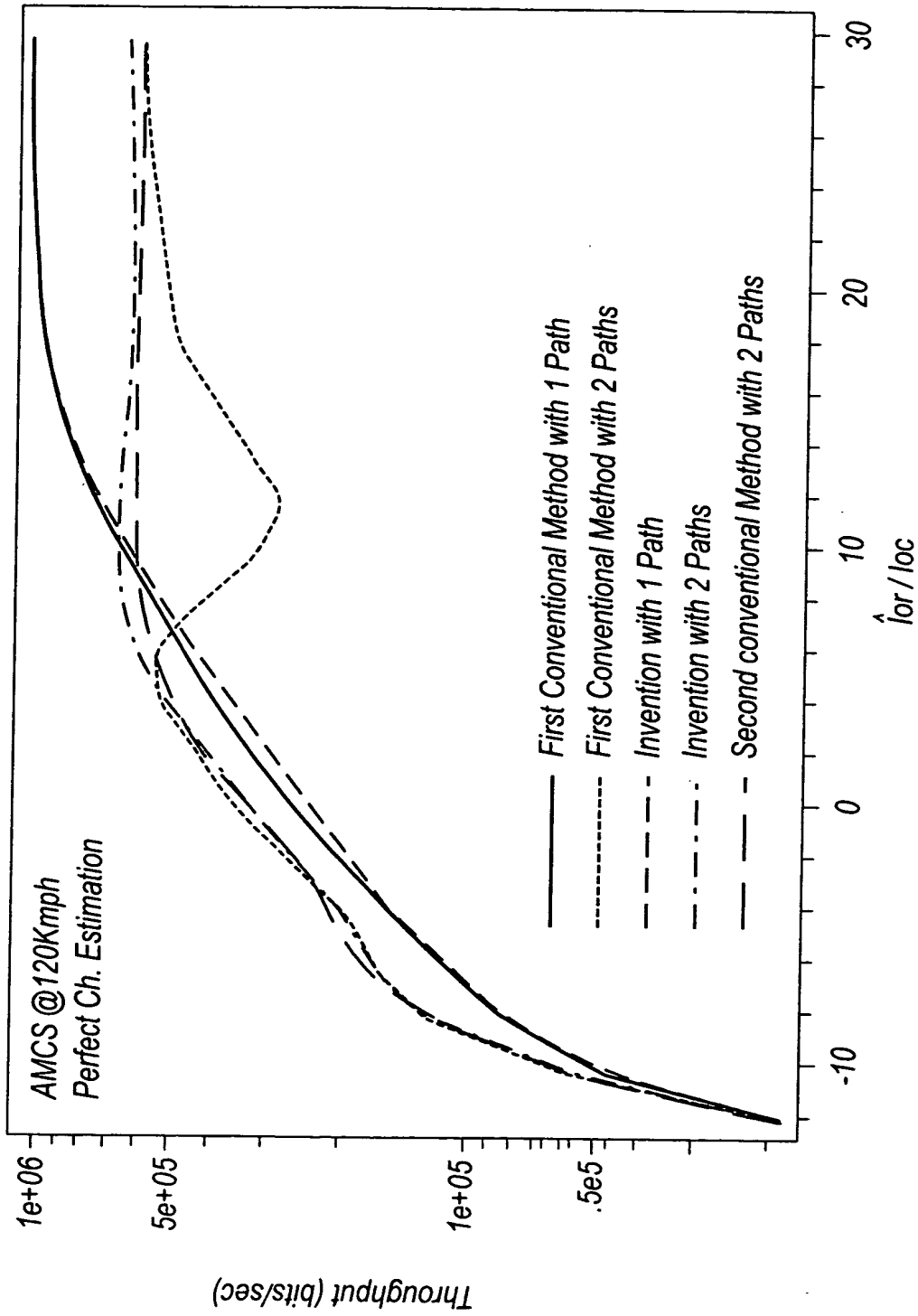


Fig.13

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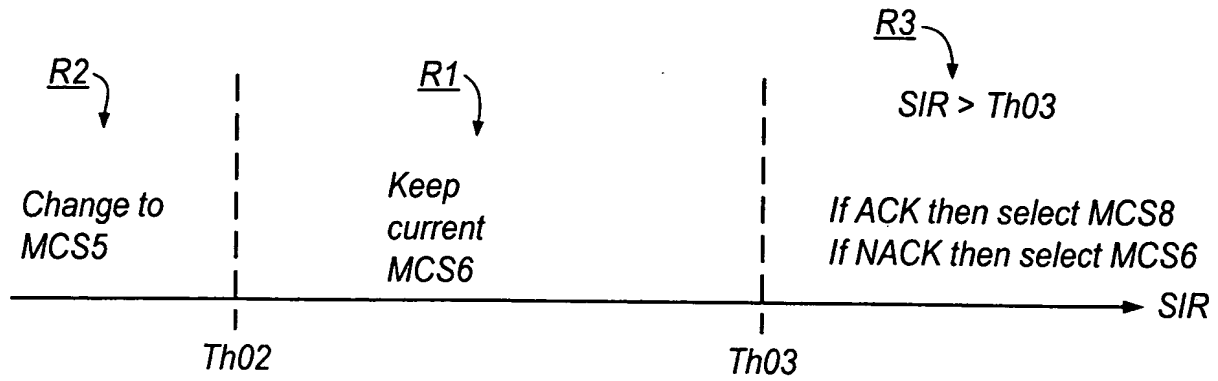


Fig.14

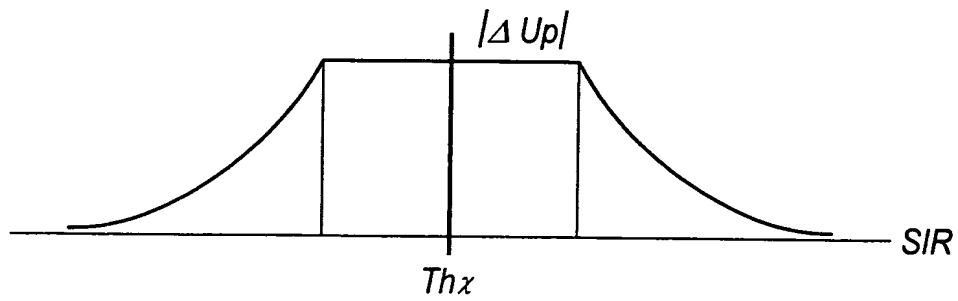


Fig.15(A)

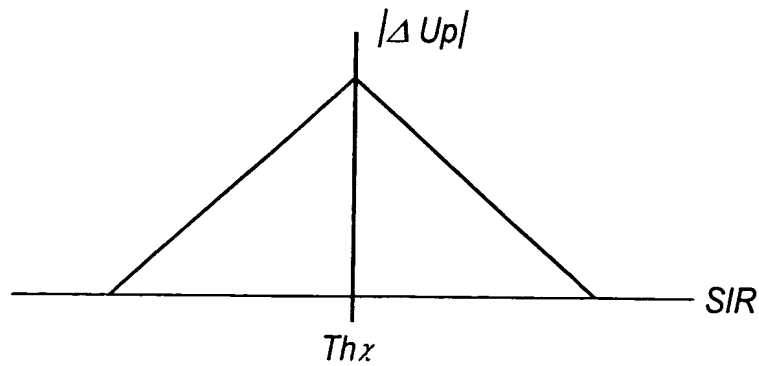


Fig.15(B)

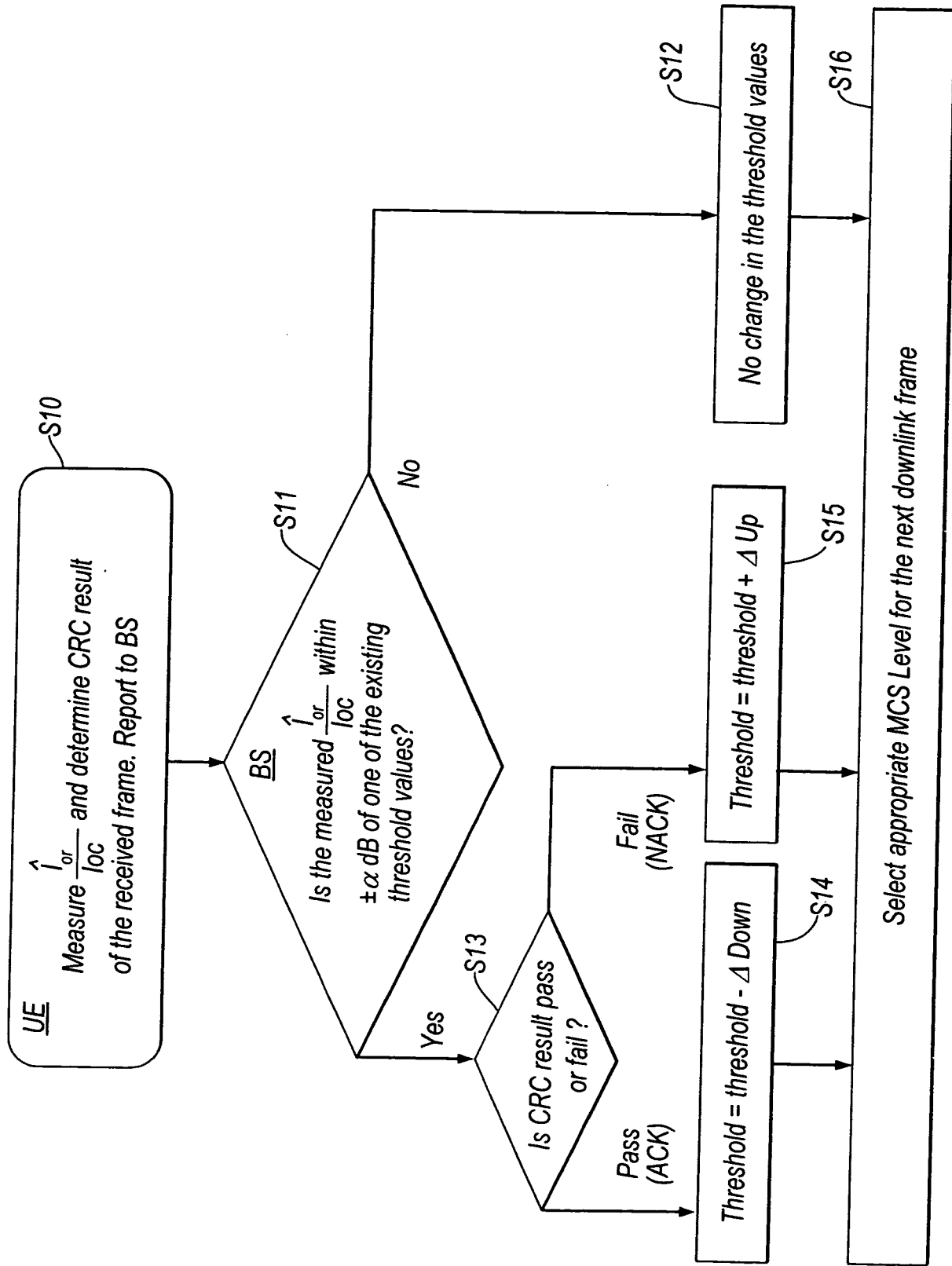


Fig. 16

MCS Number	1	2	3	4	5	6	7	8
Modulation Scheme	QPSK	QPSK	8PSK	8PSK	16QAM	16QAM	64QAM	64QAM
Spreading Factor SF	16	16	16	16	16	16	16	16
Symbols/slot	160	160	160	160	160	160	160	160
Bits/slot	320	320	480	480	640	640	960	960
TTI (ms)	2	2	2	2	2	2	2	2
Number Of slots/frame	3	3	3	3	3	3	3	3
Bits/frame	960	960	1440	1440	1920	1920	2880	2880
TPC, TFCI and Pilot	0	0	0	0	0	0	0	0
Code Length RF	960	960	1440	1440	1920	1920	2880	2880
Padding	0	2	0	2	0	2	0	2
Code Length RM (Rate*DataLength + Tail bit)	960	958	1440	1438	1920	1918	2880	2878
Rate (selected rates)	Rate 1/2	Rate 3/4	Rate 1/2	Rate 3/4	Rate 1/2	Rate 3/4	Rate 1/2	Rate 3/4
Code Length (3*DataLength + 4*(k-1))	1443	2154	2163	3234	2883	4314	4323	6474
K-1	3	3	3	3	3	3	3	3
Data Length	477	714	717	1074	957	1434	1437	2154
CRC Length	24	24	24	24	24	24	24	24
InfoData Length	453	690	693	1050	933	1410	1413	2130
InfoData Rate	226.5 Kbps	345 Kbps	346.5 Kbps	525 Kbps	466.5 Kbps	705 Kbps	706.5 Kbps	1065 Kbps
Number of Multicodes	10	10	10	10	10	10	10	10
Data Rate x Multicodes	2.265 Mbps	3.450 Mbps	3.465 Mbps	5.250 Mbps	4.665 Mbps	7.050 Mbps	7.065 Mbps	10.650 Mbps

Fig.17

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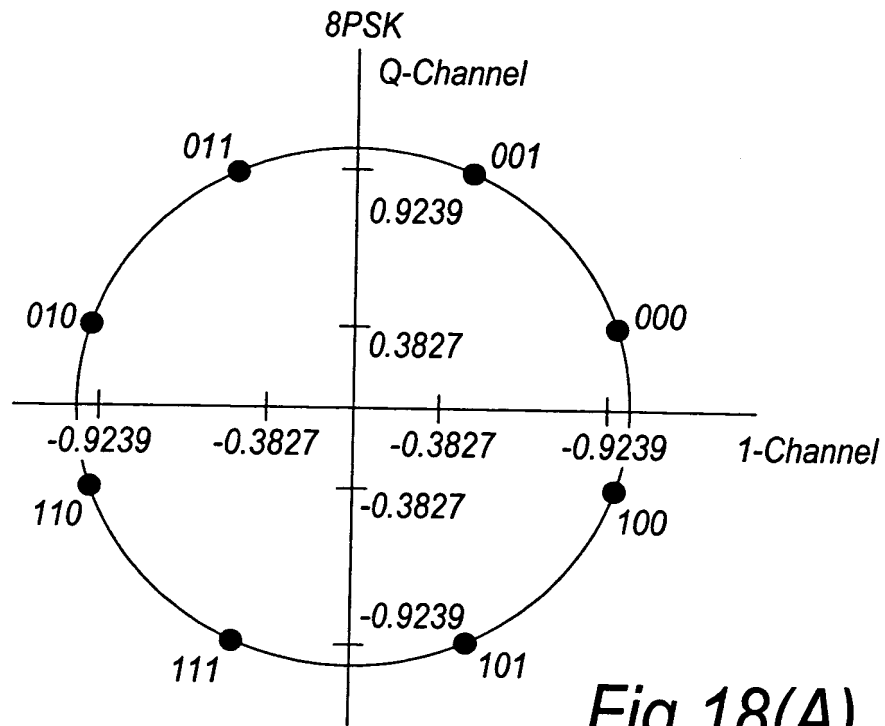


Fig.18(A)

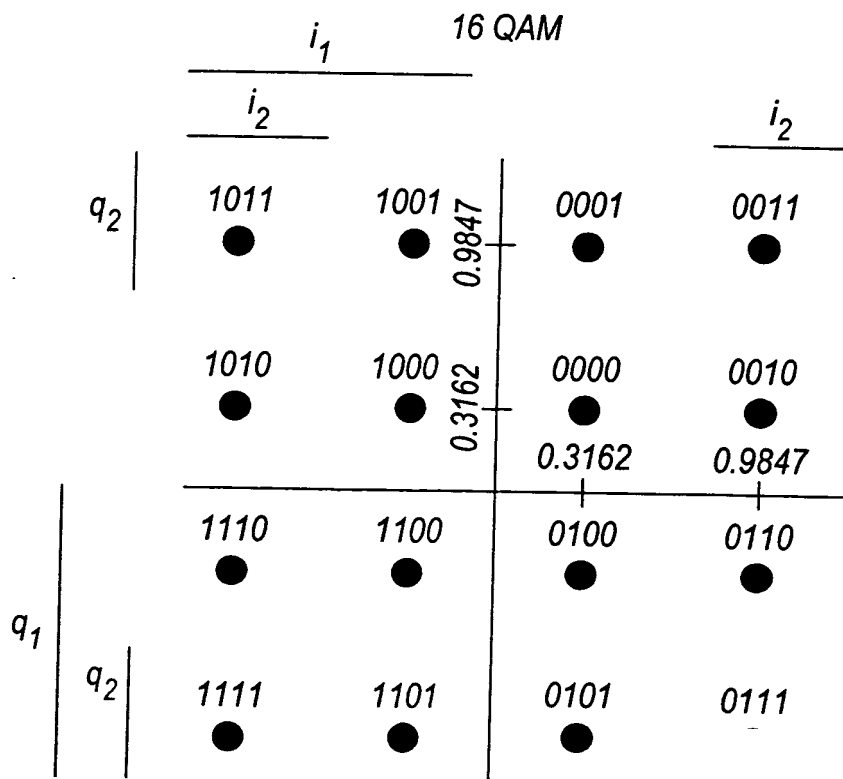


Fig.18(B)

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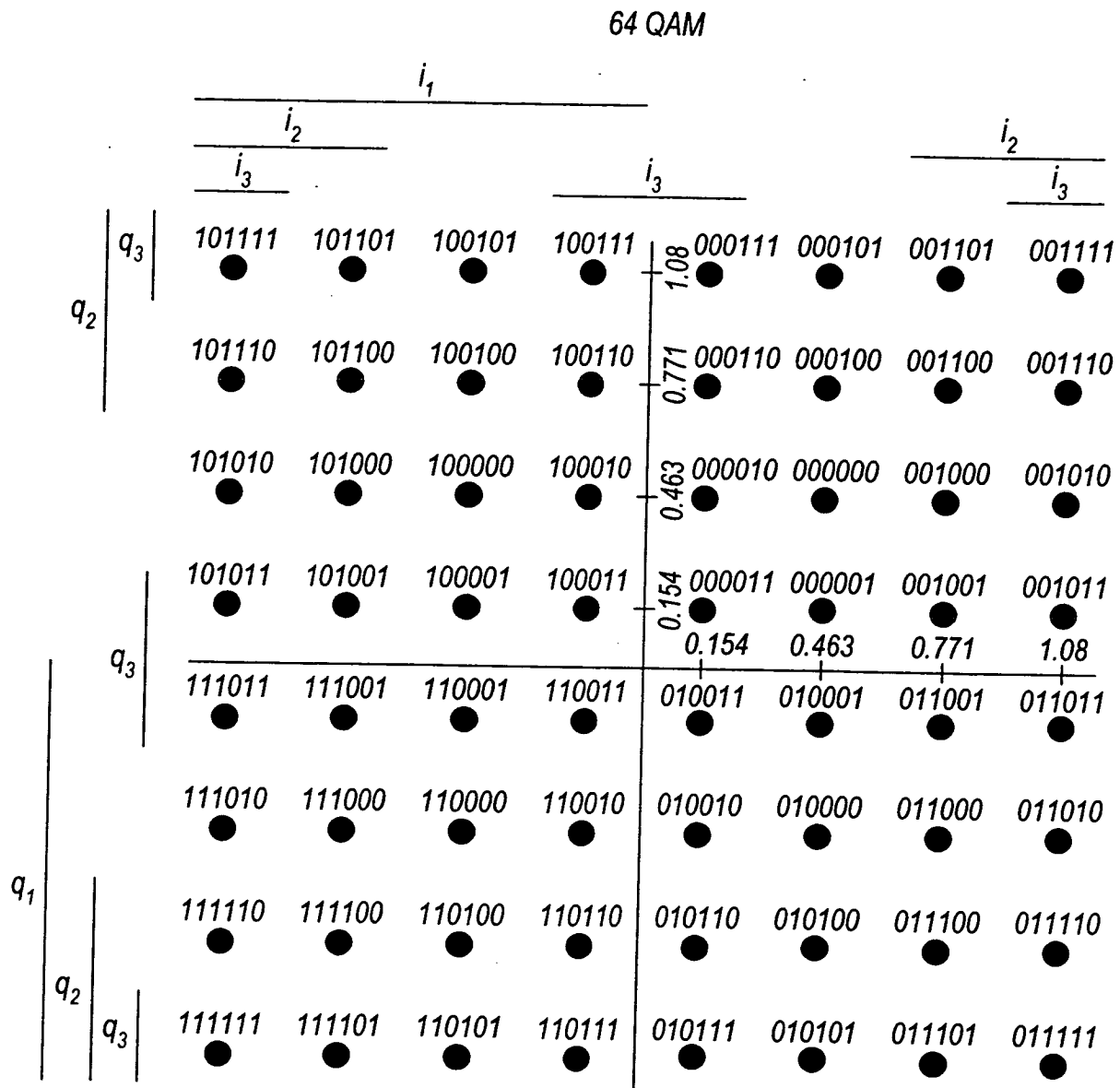


Fig.18(C)